

# Palm Desert Meteorological Data

February 2012

Validation Level: B

Prepared By: T&B Systems

Variable: Scalar Wind Speed  
Units: mph  
Channel: 9

Site: Palm Desert (data subject to change)  
Month: February  
Year: 2012  
Time Zone: PST

Validation Level: B  
Printout Date: 03-07-2012  
Printout Time: 14:43:48  
Output File Name: PDTB0212.9

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Min	Max	Avg
1	3.9	3.3	3.9	3.4	2.9	3.9	2.9	2.3	2.8	2.5	2.1	2.4	4.4	4.4	4.2	4.1	4.6	3.8	1.9	2.1	1.8	2.6	3.3	3.5	1.8	4.6	3.2
2	4.0	4.4	3.9	3.8	3.6	3.3	3.0	3.2	3.8	3.1	2.8	2.8	4.0	3.9	4.5	5.0	4.4	2.6	2.6	4.4	5.0	4.2	4.1	3.7	2.6	5.0	3.8
3	2.6	1.8	1.5	1.9	2.0	1.9	2.8	2.6	2.4	3.4	2.6	2.5	3.7	3.9	4.2	4.1	1.9	1.5	1.8	3.7	3.1	3.8	3.6	2.9	1.5	4.2	2.8
4	2.7	2.9	3.2	3.2	3.9	3.3	3.0	3.2	2.6	2.8	2.5	2.2	2.9	3.3	2.9	2.2	1.2	0.3	1.0	2.4	3.0	3.0	4.0	3.0	0.3	4.0	2.7
5	4.8	4.4	3.8	2.4	3.5	2.7	3.5	3.4	3.2	3.3	1.8	1.7	2.1	2.8	2.3	2.6	1.2	0.4	1.1	1.7	2.3	2.9	3.7	2.7	0.4	4.8	2.7
6	3.2	3.1	2.9	2.7	2.4	3.4	2.6	2.7	2.6	2.1	1.7	1.6	2.5	1.9	2.7	0.6	0.2	0.6	1.7	1.4	1.1	0.6	1.3	0.9	0.2	3.4	1.9
7	1.9	1.4	2.4	3.3	2.6	1.9	3.2	2.4	1.2	0.6	0.9	2.2	1.4	0.6	0.8	1.7	1.4	1.6	2.4	2.0	2.4	2.9	2.9	3.6	0.6	3.6	2.0
8	3.4	3.5	3.7	4.1	3.6	3.4	2.7	1.6	2.6	0.9	2.6	2.5	2.2	1.8	4.9	3.6	4.3	2.1	2.8	2.9	2.0	1.7	1.5	3.5	0.9	4.9	2.8
9	2.9	3.4	2.6	2.7	4.1	4.4	4.6	3.5	2.9	2.7	3.2	1.6	3.1	2.6	3.1	2.9	1.3	1.5	1.6	1.9	2.2	4.1	3.5	4.2	1.3	4.6	3.0
10	4.3	3.4	3.7	3.4	3.6	4.2	3.4	4.2	3.2	3.3	3.1	4.0	3.5	5.9	5.9	5.4	3.6	2.1	1.0	2.5	3.0	2.4	3.2	5.8	1.0	5.9	3.7
11	3.6	3.2	2.7	2.9	7.1	5.1	6.3	5.8	5.1	4.6	7.3	7.8	8.3	8.6	4.4	5.4	6.4	8.9	7.9	8.1	8.5	8.6	9.4	7.8	2.7	9.4	6.4
12	4.9	5.5	3.9	5.1	3.0	2.6	2.2	1.9	2.1	3.1	7.3	8.3	8.7	9.4	9.1	9.6	9.2	8.6	10.3	8.5	6.3	5.9	7.7	8.4	1.9	10.3	6.3
13	7.8	4.3	1.7	2.4	2.5	2.2	3.2	2.6	3.8	3.7	3.1	4.2	5.9	4.5	11.6	16.0	12.1	12.9	19.3	10.5	5.7	4.0	2.3	1.8	1.7	19.3	6.2
14	2.5	3.0	1.9	1.8	3.2	1.3	1.7	1.5	2.9	3.0	2.1	2.7	2.6	1.7	1.8	6.2	7.7	7.2	7.1	7.5	6.4	7.1	7.0	5.5	1.3	7.7	4.0
15	6.3	4.0	2.2	2.0	1.0	1.4	1.2	1.0	1.7	3.3	3.7	3.7	2.4	4.6	3.7	4.8	7.2	5.9	6.1	4.3	3.7	2.8	2.3	1.7	1.0	7.2	3.4
16	2.9	2.2	2.3	2.1	2.0	3.5	3.7	5.7	6.0	6.0	7.9	8.3	9.2	7.1	5.7	6.9	5.9	4.6	5.1	4.1	4.3	4.6	4.7	4.7	2.0	9.2	5.0
17	4.4	4.9	7.3	4.5	5.2	3.3	3.9	3.8	3.3	2.1	1.5	1.4	1.8	2.0	2.9	3.3	2.8	1.9	1.6	1.9	1.5	2.2	3.5	4.1	1.4	7.3	3.1
18	4.3	3.5	3.3	3.4	2.3	1.4	1.5	0.9	1.2	1.4	3.5	2.9	3.8	5.0	4.8	5.2	4.9	2.7	0.9	2.3	3.7	3.0	4.2	4.0	0.9	5.2	3.1
19	7.2	9.0	7.9	7.6	8.8	3.5	2.2	2.4	3.1	4.3	5.7	10.9	11.6	13.8	14.3	12.2	11.6	10.8	9.9	8.9	7.9	7.5	7.9	9.6	2.2	14.3	8.3
20	7.5	7.7	7.3	4.9	5.0	5.3	5.6	4.1	4.7	3.4	3.0	2.4	3.4	1.7	3.0	2.3	1.7	0.9	1.0	1.6	3.1	3.4	3.8	3.3	0.9	7.7	3.7
21	2.8	3.6	2.5	3.4	2.8	3.0	3.3	3.1	1.5	1.5	1.7	2.1	2.1	2.8	3.2	2.7	2.0	1.2	2.8	3.3	2.8	1.4	2.6	2.5	1.2	3.6	2.5
22	2.9	3.2	4.3	3.4	3.1	3.2	2.5	2.5	1.6	1.8	3.1	3.4	4.5	5.2	4.7	4.3	2.2	1.5	1.7	2.4	2.2	3.1	4.2	3.5	1.5	5.2	3.1
23	4.5	4.4	3.6	3.9	4.1	2.4	1.8	1.7	1.3	3.0	3.4	0.9	2.1	2.5	2.7	3.4	2.0	3.1	2.1	2.3	1.5	2.1	2.8	4.2	0.9	4.5	2.7
24	4.4	2.3	2.8	3.9	2.8	2.4	3.4	2.3	2.3	1.6	2.1	2.2	2.7	2.8	3.1	2.1	3.4	4.0	2.2	1.7	1.8	2.3	2.9	3.6	1.6	4.4	2.7
25	3.3	3.2	3.5	2.9	2.1	3.2	3.5	3.7	1.8	1.9	3.0	3.1	3.6	3.5	2.7	2.3	2.9	2.2	2.5	2.7	7.4	7.5	8.3	7.2	1.8	8.3	3.7
26	8.1	6.9	4.9	3.8	5.2	4.8	3.4	2.6	3.0	4.3	3.0	2.6	3.2	3.8	3.7	2.7	2.0	2.6	2.5	3.4	5.0	6.3	8.8	8.4	2.0	8.8	4.4
27	6.8	7.3	6.3	3.1	2.4	4.0	2.7	2.6	2.9	3.1	4.3	6.4	4.5	4.8	5.4	9.8	9.4	8.5	10.2	6.9	6.2	4.7	4.2	4.0	2.4	10.2	5.4
28	2.7	3.6	4.9	5.4	6.8	3.7	1.9	2.4	1.7	1.9	2.4	2.4	3.2	4.2	3.8	4.1	6.2	5.6	5.6	5.3	4.7	5.3	6.2	8.3	1.7	8.3	4.3
29	4.9	7.0	4.1	3.6	4.7	3.9	3.3	2.5	3.2	3.2	2.5	3.4	3.0	2.0	2.4	2.5	1.9	3.4	5.2	7.1	11.5	11.2	2.8	2.1	1.9	11.5	4.2
Min	1.9	1.4	1.5	1.8	1.0	1.3	1.2	0.9	1.2	0.6	0.9	0.9	1.4	0.6	0.8	0.6	0.2	0.3	0.9	1.4	1.1	0.6	1.3	0.9	0.2		
Max	8.1	9.0	7.9	7.6	8.8	5.3	6.3	5.8	6.0	6.0	7.9	10.9	11.6	13.8	14.3	16.0	12.1	12.9	19.3	10.5	11.5	11.2	9.4	9.6		19.3	
Avg	4.3	4.2	3.8	3.5	3.7	3.2	3.1	2.8	2.8	2.8	3.2	3.5	4.0	4.2	4.4	4.8	4.3	3.9	4.2	4.1	4.1	4.2	4.4	4.4			3.8

Total Data Records Possible: 696  
Total Valid Data Records: 696  
Percent Data Recovery: 100.0

#### Missing Data Codes

-910 No data collected - system not set up  
-920 Instrument Malfunction  
-930 Data Logger Malfunction  
-940 Calibration  
-950 Audit  
-960 Maintenance  
-970 Data invalid - Does not meet consistency or an obvious problem  
-971 Local Interference  
-980 Power failure  
-990 Reserved for future descriptor

Processed using: TABLE.EXE version 1.2

Variable: Unit Vector Wind Direction  
Units: degrees  
Channel: 10

Site: Palm Desert (data subject to change)  
Month: February  
Year: 2012  
Time Zone: PST

Validation Level: B  
Printout Date: 03-07-2012  
Printout Time: 14:43:49  
Output File Name: PDTB0212.10

Day	Hour Ending																								Prev
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	258	252	274	278	279	273	296	268	289	215	141	130	142	135	144	133	136	118	73	116	256	276	309	308	[SE ]
2	290	291	301	297	259	268	256	264	258	219	216	332	342	350	328	2	10	3	297	274	287	302	298	284	[WNW]
3	295	8	265	271	262	303	258	260	285	253	282	338	223	224	237	232	221	247	216	227	247	268	268	267	[ W ]
4	290	283	285	297	301	291	305	281	271	275	276	223	202	174	207	214	198	181	334	275	275	278	295	285	[WNW]
5	290	284	279	323	315	302	307	297	275	257	252	230	230	181	191	185	196	208	194	289	276	265	285	285	[WNW]
6	296	290	279	291	292	306	298	282	278	296	288	238	177	145	171	227	239	192	109	93	53	56	312	327	[WNW]
7	304	308	273	285	304	279	280	305	318	289	328	267	285	295	336	247	321	295	259	266	311	281	273	315	[NW ]
8	252	280	266	270	264	249	276	251	319	218	248	260	182	243	240	345	350	312	259	281	259	329	226	265	[ W ]
9	257	284	267	309	294	294	293	295	278	267	282	235	197	236	214	201	188	202	8	64	11	296	304	298	[WNW]
10	275	254	261	268	280	259	261	282	261	226	202	167	144	140	133	135	112	75	17	282	301	272	297	324	[ W ]
11	305	306	287	281	308	312	325	314	316	306	307	318	322	330	2	253	293	308	330	337	336	335	333	319	[NW ]
12	329	309	304	294	261	282	283	194	195	283	306	315	318	322	321	321	320	320	324	322	312	304	311	313	[NW ]
13	315	278	281	272	234	230	261	295	197	129	106	101	114	75	228	241	262	254	244	248	338	320	29	58	[ W ]
14	338	284	163	318	287	274	267	246	231	280	189	170	144	136	212	324	323	325	322	319	322	324	324	320	[NW ]
15	328	340	318	247	20	166	82	42	90	108	124	101	87	216	285	281	290	285	250	255	248	247	4	50	[WSW]
16	176	149	99	157	235	323	342	328	326	334	344	338	332	306	300	326	344	331	323	300	282	278	288	294	[NNW]
17	311	293	311	296	287	276	277	270	298	246	189	12	306	206	243	225	195	183	153	242	26	346	307	294	[WNW]
18	301	278	252	248	134	25	13	280	20	137	133	134	105	128	118	127	119	125	79	342	2	337	335	315	[SE ]
19	316	313	306	304	312	261	297	268	299	248	277	319	319	318	319	326	320	321	321	322	320	318	317	315	[NW ]
20	316	321	316	299	310	304	306	286	302	244	252	184	132	102	139	181	110	160	244	335	276	268	317	286	[NW ]
21	258	310	265	308	298	290	317	296	250	244	241	223	232	230	207	239	231	200	237	327	316	345	316	290	[WSW]
22	265	299	277	283	271	286	346	302	327	299	200	207	197	174	180	172	161	108	108	4	1	293	284	274	[WNW]
23	250	260	278	307	233	248	350	257	354	218	208	279	205	164	169	129	161	36	122	340	283	223	264	271	[ W ]
24	279	280	263	248	291	287	244	241	247	341	281	264	226	250	214	184	157	124	92	30	18	284	290	269	[ W ]
25	273	268	255	269	291	265	279	270	266	203	139	120	139	144	135	148	135	112	83	344	316	318	319	315	[ W ]
26	315	296	290	276	284	277	304	299	277	261	254	217	187	141	134	204	177	156	74	351	330	334	324	318	[WNW]
27	316	320	325	308	238	329	346	110	104	299	293	321	295	290	262	246	241	329	325	326	334	318	315	345	[NW ]
28	315	315	297	320	344	28	31	266	225	194	212	289	291	315	339	333	328	324	320	315	316	311	314	317	[NW ]
29	303	315	313	307	290	283	272	256	265	237	207	148	190	166	156	145	172	69	327	320	320	324	240	206	[NW ]

Prev [NW ] [WNW] [ W ] [WNW] [WNW] [WNW] [ W ] [WNW] [ W ] [WSW] [WSW] [SW ] [SE ] [SE ] [SE ] [WSW] [NW ] [NW ] [NW ] [NW ] [NW ] [NW ] [NW ] [NW ] [NW ] [NW ]

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Units: degrees  
Channel: 10

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Month: February  
Year: 2012  
Time Zone: PST

Validation Level: B  
Printout Date: 03-07-2012  
Printout Time: 14:43:49  
Output File Name: PDTB0212.10t

Day	1	2	3	4	5	6	7	8	9	10	11	Hour Ending	12	13	14	15	16	17	18	19	20	21	22	23	24	Prev
1	[WSW]	[WSW]	[ W ]	[ W ]	[ W ]	[ W ]	[WNW]	[ W ]	[WNW]	[SW]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[ESE]	[ENE]	[ESE]	[WSW]	[ W ]	[NW]	[NW]	[SE]
2	[WNW]	[WNW]	[WNW]	[WNW]	[WSW]	[ W ]	[WSW]	[ W ]	[WSW]	[SW]	[SW]	[NNW]	[NNW]	[ N ]	[NNW]	[ N ]	[ N ]	[ N ]	[ N ]	[WNW]	[ W ]	[WNW]	[WNW]	[WNW]	[WNW]	[WNW]
3	[WNW]	[ N ]	[ W ]	[ W ]	[ W ]	[WNW]	[WSW]	[ W ]	[WNW]	[WSW]	[WNW]	[NNW]	[SW]	[SW]	[WSW]	[SW]	[SW]	[WSW]	[SW]	[SW]	[WSW]	[ W ]	[ W ]	[ W ]	[ W ]	[ W ]
4	[WNW]	[WNW]	[WNW]	[WNW]	[WNW]	[WNW]	[NW]	[WNW]	[ W ]	[ W ]	[ W ]	[SW]	[SSW]	[ S ]	[SSW]	[SW]	[SSW]	[ S ]	[NNW]	[ W ]	[ W ]	[ W ]	[WNW]	[WNW]	[WNW]	[WNW]
5	[WNW]	[WNW]	[ W ]	[NW]	[NW]	[WNW]	[NW]	[WNW]	[ W ]	[WSW]	[WSW]	[SW]	[SW]	[ S ]	[SSW]	[ S ]	[SSW]	[SSW]	[SSW]	[SSW]	[WNW]	[ W ]	[ W ]	[WNW]	[WNW]	[WNW]
6	[WNW]	[WNW]	[ W ]	[WNW]	[WNW]	[NW]	[WNW]	[WNW]	[ W ]	[WNW]	[WNW]	[WSW]	[ S ]	[SE]	[ S ]	[SW]	[WSW]	[SSW]	[ESE]	[ E ]	[NE]	[ENE]	[NW]	[NNW]	[WNW]	[WNW]
7	[NW]	[NW]	[ W ]	[WNW]	[NW]	[ W ]	[ W ]	[NW]	[NW]	[WNW]	[NNW]	[ W ]	[WNW]	[NNW]	[NNW]	[WSW]	[NW]	[WNW]	[ W ]	[ W ]	[NW]	[ W ]	[ W ]	[NW]	[NW]	[NW]
8	[WSW]	[ W ]	[ W ]	[ W ]	[ W ]	[WSW]	[ W ]	[WSW]	[NW]	[SW]	[WSW]	[ W ]	[ S ]	[WSW]	[WSW]	[NNW]	[ N ]	[NW]	[ W ]	[ W ]	[ W ]	[NNW]	[SW]	[ W ]	[ W ]	[ W ]
9	[WSW]	[WNW]	[ W ]	[NW]	[WNW]	[WNW]	[WNW]	[WNW]	[ W ]	[ W ]	[WNW]	[SW]	[SSW]	[SW]	[SW]	[SSW]	[ S ]	[SSW]	[ N ]	[ENE]	[NNE]	[WNW]	[WNW]	[WNW]	[WNW]	[WNW]
10	[ W ]	[WSW]	[ W ]	[ W ]	[ W ]	[ W ]	[ W ]	[WNW]	[ W ]	[SW]	[SSW]	[SSE]	[SE]	[SE]	[SE]	[SE]	[SE]	[ESE]	[ENE]	[NNE]	[WNW]	[WNW]	[ W ]	[WNW]	[NW]	[ W ]
11	[NW]	[NW]	[WNW]	[ W ]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NNW]	[ N ]	[WSW]	[WNW]	[NW]	[NNW]	[NNW]	[NNW]	[NNW]	[NNW]	[NW]	[NW]
12	[NNW]	[NW]	[NW]	[WNW]	[ W ]	[WNW]	[WNW]	[SSW]	[SSW]	[WNW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]
13	[NW]	[ W ]	[ W ]	[ W ]	[SW]	[SW]	[ W ]	[WNW]	[SSW]	[SE]	[ESE]	[ E ]	[ESE]	[ENE]	[SW]	[WSW]	[ W ]	[WSW]	[WSW]	[WSW]	[NNW]	[NW]	[NNE]	[ENE]	[ENE]	[ W ]
14	[NNW]	[WNW]	[SSE]	[NW]	[WNW]	[ W ]	[ W ]	[WSW]	[SW]	[ W ]	[ S ]	[ S ]	[SE]	[SE]	[SSW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]
15	[NNW]	[NNW]	[NW]	[WSW]	[NNE]	[SSE]	[ E ]	[NE]	[ E ]	[ESE]	[ESE]	[ E ]	[ E ]	[SW]	[WNW]	[ W ]	[WNW]	[WNW]	[WSW]	[WSW]	[WSW]	[WSW]	[ W ]	[NE]	[WSW]	[WSW]
16	[ S ]	[SSE]	[ E ]	[SSE]	[SW]	[NW]	[NNW]	[NNW]	[NNW]	[NNW]	[NNW]	[NNW]	[NW]	[WNW]	[NW]	[NNW]	[NNW]	[NNW]	[NW]	[WNW]	[WNW]	[ W ]	[WNW]	[WNW]	[NNW]	[NNW]
17	[NW]	[WNW]	[NW]	[WNW]	[WNW]	[ W ]	[ W ]	[ W ]	[WNW]	[WSW]	[ S ]	[NNE]	[NW]	[SSW]	[WSW]	[SW]	[SSW]	[ S ]	[SSE]	[WSW]	[NNE]	[NNW]	[NW]	[WNW]	[WNW]	[WNW]
18	[WNW]	[ W ]	[WSW]	[WSW]	[SE]	[NNE]	[NNE]	[ W ]	[NNE]	[SE]	[SE]	[SE]	[ESE]	[SE]	[ESE]	[SE]	[ESE]	[SE]	[ E ]	[NNW]	[ N ]	[NNW]	[NNW]	[NW]	[SE]	[SE]
19	[NW]	[NW]	[NW]	[WNW]	[NW]	[ W ]	[WNW]	[ W ]	[WNW]	[WSW]	[ W ]	[NW]	[NW]	[NW]	[NW]	[NNW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]
20	[NW]	[NW]	[NW]	[WNW]	[NW]	[WNW]	[NW]	[WNW]	[WNW]	[WSW]	[WSW]	[ S ]	[SE]	[ESE]	[SE]	[ S ]	[ESE]	[SSE]	[WSW]	[NNW]	[ W ]	[ W ]	[NW]	[WNW]	[NW]	[NW]
21	[WSW]	[NW]	[ W ]	[NW]	[WNW]	[WNW]	[NW]	[WNW]	[WSW]	[WSW]	[SW]	[SW]	[SW]	[SW]	[SSW]	[SW]	[SW]	[SSW]	[WSW]	[NNW]	[NW]	[NNW]	[NW]	[WNW]	[WNW]	[WSW]
22	[ W ]	[WNW]	[ W ]	[WNW]	[ W ]	[WNW]	[NNW]	[WNW]	[NNW]	[SSW]	[SSW]	[SSW]	[ S ]	[ S ]	[ S ]	[SSE]	[ESE]	[ESE]	[ E ]	[ N ]	[ N ]	[WNW]	[WNW]	[ W ]	[WNW]	[WNW]
23	[WSW]	[ W ]	[ W ]	[NW]	[SW]	[WSW]	[ N ]	[WSW]	[ N ]	[SW]	[SSW]	[ W ]	[SSW]	[SSE]	[ S ]	[SE]	[SSE]	[NE]	[ESE]	[NNW]	[WNW]	[SW]	[ W ]	[ W ]	[ W ]	[ W ]
24	[ W ]	[ W ]	[ W ]	[WSW]	[WNW]	[WNW]	[WSW]	[WSW]	[NNW]	[ W ]	[ W ]	[SW]	[SW]	[SW]	[ S ]	[SSE]	[ESE]	[ESE]	[ E ]	[NNE]	[NNE]	[WNW]	[WNW]	[ W ]	[ W ]	[ W ]
25	[ W ]	[ W ]	[WSW]	[ W ]	[WNW]	[ W ]	[ W ]	[ W ]	[ W ]	[SSW]	[SE]	[ESE]	[SE]	[SE]	[SE]	[SSE]	[SE]	[ESE]	[ E ]	[NNW]	[NW]	[NW]	[NW]	[NW]	[NW]	[ W ]
26	[NW]	[WNW]	[WNW]	[ W ]	[WNW]	[ W ]	[WNW]	[WNW]	[ W ]	[ W ]	[WSW]	[SW]	[ S ]	[SE]	[SE]	[SSW]	[ S ]	[SSE]	[ENE]	[ N ]	[NNW]	[NNW]	[NW]	[NW]	[WNW]	[WNW]
27	[NW]	[NW]	[NW]	[NW]	[WSW]	[NNW]	[ESE]	[ESE]	[WNW]	[WNW]	[NW]	[WNW]	[WNW]	[ W ]	[WSW]	[WSW]	[NNW]	[NW]	[NW]	[NNW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]
28	[NW]	[NW]	[WNW]	[NW]	[NNW]	[NNE]	[NNE]	[ W ]	[SW]	[SSW]	[SSW]	[WNW]	[WNW]	[NW]	[NNW]	[NNW]	[NNW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]
29	[WNW]	[NW]	[NW]	[NW]	[WNW]	[WNW]	[ W ]	[WSW]	[ W ]	[WSW]	[SSW]	[SSE]	[ S ]	[SSE]	[SSE]	[SE]	[ S ]	[ENE]	[NNW]	[NW]	[NW]	[NW]	[NW]	[WSW]	[SSW]	[NW]
Prev	[NW]	[WNW]	[ W ]	[WNW]	[WNW]	[WNW]	[ W ]	[WNW]	[ W ]	[WSW]	[WSW]	[SW]	[SE]	[SE]	[SE]	[WSW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]

Total Data Records Possible: 696  
Total Valid Data Records: 696  
Percent Data Recovery: 100.0

#### Missing Data Codes

- 910 No data collected - system not set up
- 920 Instrument Malfunction
- 930 Data Logger Malfunction
- 940 Calibration
- 950 Audit
- 960 Maintenance
- 970 Data invalid - Does not meet consistency or an obvious problem
- 971 Local Interference
- 980 Power failure
- 990 Reserved for future descriptor

Processed using: TABLE.EXE version 1.2

Variable: Sigma Theta (Yamartino)  
Units: degrees  
Channel: 11

Site: Palm Desert (data subject to change)  
Month: February  
Year: 2012  
Time Zone: PST

Validation Level: B  
Printout Date: 03-07-2012  
Printout Time: 14:43:50  
Output File Name: PDTB0212.11

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Min	Max	Avg
1	16.2	17.2	18.6	17.1	17.7	13.7	22.6	20.9	19.1	21.4	29.6	29.1	21.7	24.9	23.5	23.1	20.0	24.4	57.5	73.5	71.0	22.2	21.8	29.9	13.7	73.5	27.4
2	28.5	25.6	36.1	28.2	17.2	17.6	15.6	13.6	18.8	20.8	36.6	53.7	38.5	36.5	37.1	33.7	33.8	33.0	26.7	18.7	24.2	21.4	23.6	23.8	13.6	53.7	27.6
3	24.5	29.2	14.8	56.0	53.1	33.5	32.8	53.0	29.9	22.3	60.5	75.2	46.2	37.2	23.9	24.0	17.8	15.5	44.1	9.7	10.7	19.3	17.9	18.0	9.7	75.2	32.0
4	18.0	23.5	21.3	17.7	17.4	20.6	23.4	16.7	21.2	30.3	45.0	40.7	39.9	35.9	43.0	33.7	21.2	0.4	26.4	19.2	18.5	18.3	24.0	31.4	0.4	45.0	25.3
5	21.2	20.4	20.1	26.1	22.4	24.4	20.3	22.4	23.0	21.1	35.6	52.0	63.2	46.3	34.1	26.9	32.9	0.7	33.9	25.7	18.5	20.4	22.1	28.3	0.7	63.2	27.6
6	20.5	23.4	18.7	20.4	19.9	17.0	48.6	17.2	19.4	26.8	51.1	60.2	43.4	56.6	37.4	40.1	24.0	32.4	21.0	22.9	21.3	15.9	24.1	28.8	15.9	60.2	29.6
7	26.5	14.8	11.8	11.7	13.1	15.3	30.0	16.4	27.2	24.6	43.2	16.0	19.5	32.6	32.3	12.8	8.7	15.9	9.9	10.6	19.6	19.8	18.7	19.7	8.7	43.2	19.6
8	38.0	22.1	17.8	19.1	20.9	41.7	29.8	35.0	23.2	35.3	22.6	30.1	41.1	40.5	20.4	52.5	31.2	19.0	15.7	20.3	56.6	41.8	48.4	14.3	14.3	56.6	30.7
9	23.0	18.9	28.8	24.9	20.4	22.4	23.6	27.6	23.6	27.6	24.1	57.9	44.3	43.4	26.0	23.2	25.1	40.1	37.0	23.2	22.2	25.6	21.9	23.0	18.9	57.9	28.2
10	21.0	14.7	17.9	16.8	18.3	16.3	14.1	19.8	18.1	16.1	21.0	21.5	27.4	21.8	24.5	22.8	29.6	20.4	19.2	25.8	34.3	24.3	21.0	20.5	14.1	34.3	21.1
11	26.9	24.9	35.6	21.6	25.5	28.3	21.0	26.3	27.9	38.1	29.4	24.9	26.0	26.5	36.2	57.2	43.2	30.5	27.1	26.3	25.6	25.3	24.8	25.9	21.0	57.2	29.4
12	28.2	27.0	25.7	29.6	40.4	24.2	20.0	49.9	27.8	34.1	27.9	26.9	27.0	24.4	25.3	21.2	23.1	22.0	20.6	20.9	25.4	27.1	24.7	24.0	20.0	49.9	27.0
13	24.7	33.8	34.8	24.7	27.4	43.8	52.0	34.5	25.0	26.2	32.4	29.0	26.5	42.4	33.4	16.9	23.8	21.1	17.2	20.6	52.4	56.9	33.4	44.9	16.9	56.9	32.4
14	46.2	31.6	25.8	24.9	21.3	26.7	50.2	49.3	25.1	38.3	46.2	48.4	44.0	65.6	33.5	35.4	21.7	21.4	21.6	22.3	20.6	20.2	21.3	22.7	20.2	65.6	32.7
15	20.5	23.1	25.0	15.1	36.1	24.3	38.3	22.6	36.8	29.7	30.0	29.8	50.4	61.9	37.7	22.6	25.3	26.6	17.4	18.0	16.4	17.8	28.5	60.0	15.1	61.9	29.7
16	41.3	68.0	56.5	53.3	61.8	49.4	33.6	26.5	23.7	28.3	28.2	27.1	28.8	32.9	37.5	27.7	27.7	27.6	25.0	25.3	25.9	24.6	30.3	36.2	23.7	68.0	35.3
17	35.3	27.0	24.2	22.8	25.6	35.7	27.8	50.6	26.8	31.0	51.7	50.4	57.2	44.4	31.4	25.6	18.8	12.9	42.3	48.9	33.2	37.8	20.8	25.8	12.9	57.2	33.7
18	24.4	20.3	13.7	13.4	32.4	12.0	10.7	32.5	35.2	60.8	22.6	33.5	29.9	25.1	27.6	24.1	25.5	23.8	25.4	15.3	30.2	22.6	18.1	23.1	10.7	60.8	25.1
19	23.1	23.6	27.2	28.1	24.1	43.8	54.2	35.5	35.3	32.9	31.3	25.8	24.0	22.9	20.8	22.3	22.6	21.5	21.8	21.7	21.6	21.9	22.5	22.6	20.8	54.2	27.1
20	22.9	20.5	22.8	26.3	25.3	26.7	26.4	28.4	29.0	30.9	32.6	52.4	28.2	44.7	34.4	45.3	28.7	17.6	22.0	15.7	14.7	16.3	17.9	16.8	14.7	52.4	26.9
21	48.8	19.0	16.9	23.1	35.3	45.4	24.3	32.3	64.9	42.1	63.5	42.3	49.7	41.2	39.1	51.4	26.5	19.9	22.0	30.0	45.9	48.1	20.1	47.5	16.9	64.9	37.5
22	18.6	28.9	19.5	36.3	51.9	26.0	65.6	36.4	59.5	47.7	29.3	30.7	29.6	23.6	24.2	19.0	16.8	18.8	30.9	34.0	23.6	28.9	20.1	26.0	16.8	65.6	31.1
23	15.5	18.9	34.5	27.8	15.4	29.8	46.9	27.4	55.2	36.6	24.3	64.1	44.6	57.1	41.0	27.0	47.6	40.2	73.8	22.3	28.5	43.5	27.3	15.9	15.4	73.8	36.0
24	15.0	60.0	21.8	14.9	18.3	24.9	29.1	44.1	47.6	38.5	47.4	53.7	51.3	48.7	32.9	44.5	21.5	24.6	29.4	19.1	30.8	14.3	14.8	17.9	14.3	60.0	31.9
25	19.7	16.6	13.3	16.1	26.6	16.5	17.1	16.6	28.0	43.1	29.7	35.3	28.5	32.0	41.3	34.8	21.2	27.5	28.4	25.5	21.8	22.5	22.1	25.0	13.3	43.1	25.4
26	23.3	28.0	32.2	25.0	23.6	22.8	35.6	33.7	29.1	23.1	35.1	42.2	51.0	34.9	31.9	35.0	25.5	13.0	21.5	22.1	26.1	21.5	22.0	21.6	13.0	51.0	28.3
27	23.4	22.8	23.7	23.7	44.7	45.2	70.3	59.7	42.2	70.5	43.0	25.0	38.8	30.7	43.0	30.1	17.9	31.4	21.5	26.3	25.4	34.2	47.1	45.4	17.9	70.5	36.9
28	34.6	45.0	27.2	32.3	26.6	34.7	42.6	41.6	60.6	76.4	60.4	59.7	47.0	42.8	39.4	51.8	24.7	22.3	21.8	21.7	23.1	21.5	24.2	21.0	21.0	76.4	37.6
29	25.7	23.9	27.0	21.9	25.2	25.2	20.6	16.9	27.1	26.0	60.3	39.8	42.7	58.9	54.2	36.8	27.8	27.3	20.5	22.5	21.3	20.8	46.1	54.8	16.9	60.3	32.2
Min	15.0	14.7	11.8	11.7	13.1	12.0	10.7	13.6	18.1	16.1	21.0	16.0	19.5	21.8	20.4	12.8	8.7	0.4	9.9	9.7	10.7	14.3	14.8	14.3	0.4		
Max	48.8	68.0	56.5	56.0	61.8	49.4	70.3	59.7	64.9	76.4	63.5	75.2	63.2	65.6	54.2	57.2	47.6	40.2	73.8	73.5	71.0	56.9	48.4	60.0		76.4	
Avg	26.0	26.6	24.6	24.8	27.9	27.9	32.7	31.3	32.1	34.5	37.7	40.6	38.3	39.2	33.3	31.8	25.3	22.5	27.6	24.4	27.9	26.0	25.2	28.1			29.8

Total Data Records Possible: 696  
Total Valid Data Records: 696  
Percent Data Recovery: 100.0

#### Missing Data Codes

-910 No data collected - system not set up  
-920 Instrument Malfunction  
-930 Data Logger Malfunction  
-940 Calibration  
-950 Audit  
-960 Maintenance  
-970 Data invalid - Does not meet consistency or an obvious problem  
-971 Local Interference  
-980 Power failure  
-990 Reserved for future descriptor

Processed using: TABLE.EXE version 1.2

Variable: Running 3-Second Gust  
Units: mph  
Channel: 17

Site: Palm Desert (data subject to change)  
Month: February  
Year: 2012  
Time Zone: PST

Validation Level: B  
Printout Date: 03-07-2012  
Printout Time: 14:43:56  
Output File Name: PDTB0212.17

Day	Hour Ending																								Min	Max	Avg
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
1	9.1	6.9	9.2	7.4	7.1	7.5	6.1	4.7	6.6	6.2	5.0	6.1	11.5	10.3	8.6	9.6	10.6	10.1	6.5	6.6	5.2	6.9	9.6	10.5	4.7	11.5	7.8
2	9.4	13.0	11.0	8.8	7.1	7.4	5.7	6.0	8.5	6.1	5.8	10.2	11.8	12.4	14.6	14.8	15.9	11.3	8.2	9.9	13.1	12.8	9.7	8.9	5.7	15.9	10.1
3	8.2	4.9	3.7	4.8	8.3	7.2	7.3	7.5	6.7	9.1	8.6	8.0	9.4	10.2	10.4	9.1	6.1	3.9	5.3	6.6	5.8	8.3	8.1	7.6	3.7	10.4	7.3
4	6.4	6.7	8.5	6.8	8.8	8.8	7.3	6.6	6.4	7.5	6.6	5.8	9.1	9.3	9.2	6.9	4.1	1.6	5.0	4.6	6.6	6.9	9.6	8.0	1.6	9.6	7.0
5	10.0	10.4	8.5	7.0	8.0	6.4	8.6	9.2	8.9	6.6	5.3	4.9	8.3	8.0	5.9	8.3	5.0	1.0	4.3	4.1	5.9	7.2	9.4	6.6	1.0	10.4	7.0
6	7.1	7.4	6.5	7.1	5.3	6.6	6.2	5.6	6.2	6.8	5.1	5.8	6.0	7.8	8.8	4.5	1.8	2.3	5.0	4.3	3.8	2.3	4.7	3.1	1.8	8.8	5.4
7	3.9	2.6	4.2	6.4	5.1	4.2	6.3	5.2	3.1	2.5	3.1	5.3	4.3	2.7	3.5	3.9	3.1	4.0	3.9	3.9	5.8	6.1	6.5	8.8	2.5	8.8	4.5
8	7.2	8.8	8.2	9.1	10.2	7.9	6.0	4.2	6.7	4.3	5.8	6.2	5.9	8.6	12.1	10.9	11.5	8.3	5.3	7.3	6.1	5.8	5.3	6.9	4.2	12.1	7.4
9	7.2	9.0	9.6	6.3	8.9	10.8	12.4	8.8	7.6	7.2	7.4	5.2	8.1	8.4	7.8	7.5	4.2	4.1	6.2	4.6	6.6	10.7	9.5	9.4	4.1	12.4	7.8
10	10.7	7.1	6.9	7.3	7.8	8.8	6.1	10.2	7.9	6.1	7.6	8.2	8.4	12.8	12.9	12.4	10.1	7.4	2.6	5.0	7.0	6.1	8.1	12.7	2.6	12.9	8.3
11	11.3	11.2	7.5	6.8	18.2	13.5	14.2	16.9	13.2	17.0	23.2	18.2	21.3	19.2	14.0	15.6	28.6	27.4	22.4	20.2	22.4	22.6	23.0	24.0	6.8	28.6	18.0
12	14.5	16.4	12.9	17.9	11.3	9.9	7.0	5.0	5.8	10.4	20.0	24.5	22.9	21.9	19.6	21.6	20.4	20.4	27.1	19.6	16.3	15.2	20.5	22.4	5.0	27.1	16.8
13	21.5	14.3	5.0	10.7	5.6	8.6	9.8	11.9	8.1	7.8	9.1	11.3	14.5	16.9	32.1	35.1	36.3	26.4	37.3	25.7	24.4	16.0	8.8	6.9	5.0	37.3	16.8
14	8.3	7.8	4.6	4.7	7.8	5.6	6.9	5.2	7.3	8.3	7.4	7.4	8.6	6.5	5.3	16.5	19.1	14.8	16.2	17.7	14.3	14.8	17.5	12.4	4.6	19.1	10.2
15	13.1	11.8	8.4	4.5	3.8	5.0	3.8	3.9	4.9	8.4	8.9	9.2	6.7	14.6	9.3	12.3	25.0	14.6	12.7	9.4	8.0	6.4	8.3	6.1	3.8	25.0	9.1
16	7.2	6.4	8.0	7.5	13.8	13.4	12.9	14.8	17.0	23.2	20.3	19.5	25.5	17.8	16.4	21.9	18.6	12.9	13.5	14.1	10.9	11.5	18.6	13.9	6.4	25.5	15.0
17	17.4	13.7	18.9	10.9	12.5	11.3	9.5	12.0	8.1	6.0	5.3	5.4	7.6	6.4	10.0	7.2	6.5	3.8	4.5	5.2	7.4	7.5	9.3	10.9	3.8	18.9	9.1
18	10.7	10.7	6.4	6.1	6.1	3.4	3.7	4.3	4.8	5.1	7.4	8.1	10.6	11.8	11.0	11.5	12.3	8.6	3.6	5.4	11.3	8.6	9.5	11.3	3.4	12.3	8.0
19	18.7	25.6	19.0	19.7	26.1	14.0	7.5	6.6	9.4	11.7	22.6	30.0	26.9	32.4	29.1	26.5	28.7	23.8	21.5	19.2	16.9	17.0	19.0	22.9	6.6	32.4	20.6
20	17.8	18.7	17.0	14.0	13.3	12.1	13.5	12.6	12.9	7.8	7.4	6.8	8.3	6.2	7.8	6.6	5.6	3.9	2.6	4.3	5.6	6.5	8.6	7.9	2.6	18.7	9.5
21	6.9	7.8	5.3	8.1	7.5	8.0	8.3	9.8	4.8	6.3	5.3	7.0	5.6	8.2	8.9	7.7	7.4	3.1	7.5	12.1	7.8	4.2	4.9	5.8	3.1	12.1	7.0
22	6.5	6.5	9.4	10.0	8.1	9.1	7.8	10.7	6.6	6.1	8.3	10.0	12.7	11.9	9.9	9.4	7.2	8.0	7.0	6.0	5.0	7.2	10.4	8.6	5.0	12.7	8.4
23	8.8	8.3	9.8	8.8	7.2	6.5	4.8	4.8	5.7	7.9	7.6	4.2	8.0	6.6	8.2	9.9	5.6	10.4	7.5	5.2	5.4	5.1	7.2	7.9	4.2	10.4	7.1
24	8.3	6.4	7.2	6.8	6.1	6.5	8.0	5.7	6.9	4.7	5.9	6.6	7.2	8.6	7.3	6.6	11.5	13.2	6.9	4.7	4.0	5.3	6.3	7.9	4.0	13.2	7.0
25	9.5	5.9	6.1	6.0	4.2	7.4	8.1	7.7	4.3	4.9	7.4	8.6	9.7	8.8	7.4	8.0	7.8	7.2	7.5	10.9	17.9	14.9	17.8	17.2	4.2	17.9	9.0
26	19.8	18.9	14.1	11.4	13.1	11.3	8.0	9.2	8.9	9.3	7.3	8.3	9.5	11.8	11.0	7.9	5.6	5.3	6.5	11.5	13.2	16.9	19.9	18.9	5.3	19.9	11.6
27	16.9	18.5	18.3	11.0	5.6	16.4	10.4	9.4	9.3	10.4	10.9	18.0	11.6	13.4	15.9	23.2	23.4	21.9	22.3	17.6	19.5	12.4	16.7	13.4	5.6	23.4	15.3
28	10.2	15.1	14.3	16.3	20.3	13.4	6.0	5.6	6.8	5.2	8.0	7.5	10.7	15.3	10.7	14.3	15.6	12.8	12.6	12.0	11.3	15.3	15.6	18.9	5.2	20.3	12.2
29	13.2	16.9	13.6	9.3	14.2	11.3	8.0	5.6	7.9	7.0	7.2	9.4	9.6	6.3	8.0	6.9	5.7	13.5	12.5	21.0	27.5	24.2	15.6	7.2	5.6	27.5	11.7
Min	3.9	2.6	3.7	4.5	3.8	3.4	3.7	3.9	3.1	2.5	3.1	4.2	4.3	2.7	3.5	3.9	1.8	1.0	2.6	3.9	3.8	2.3	4.7	3.1	1.0		
Max	21.5	25.6	19.0	19.7	26.1	16.4	14.2	16.9	17.0	23.2	23.2	30.0	26.9	32.4	32.1	35.1	36.3	27.4	37.3	25.7	27.5	24.2	23.0	24.0		37.3	
Avg	11.0	10.9	9.7	9.0	9.7	9.0	7.9	7.9	7.6	7.9	9.0	9.9	11.0	11.6	11.6	12.3	12.5	10.6	10.5	10.3	10.9	10.5	11.7	11.3			10.2

Total Data Records Possible: 696  
Total Valid Data Records: 696  
Percent Data Recovery: 100.0

#### Missing Data Codes

-910 No data collected - system not set up  
-920 Instrument Malfunction  
-930 Data Logger Malfunction  
-940 Calibration  
-950 Audit  
-960 Maintenance  
-970 Data invalid - Does not meet consistency or an obvious problem  
-971 Local Interference  
-980 Power failure  
-990 Reserved for future descriptor

Processed using: TABLE.EXE version 1.2

Variable: Battery Voltage  
Units: volts  
Channel: 7

Site: Palm Desert (data subject to change)  
Month: February  
Year: 2012  
Time Zone: PST

Validation Level: B  
Printout Date: 03-07-2012  
Printout Time: 14:43:46  
Output File Name: PDTB0212.7

Day	Hour Ending																								Min	Max	Avg
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
1	12.4	12.3	12.3	12.2	12.2	12.1	12.1	13.3	13.2	13.2	13.1	13.1	13.1	13.1	13.1	13.1	12.8	12.7	12.6	12.6	12.5	12.5	12.4	12.4	12.1	13.3	12.7
2	12.4	12.3	12.3	12.3	12.2	12.1	12.2	13.3	13.2	13.2	13.0	13.0	13.0	13.0	13.1	13.1	12.8	12.7	12.6	12.6	12.5	12.5	12.4	12.4	12.1	13.3	12.7
3	12.4	12.3	12.3	12.2	12.1	12.1	12.1	13.3	13.2	13.2	13.1	13.0	13.1	13.1	13.1	13.1	12.8	12.7	12.6	12.6	12.5	12.5	12.4	12.4	12.1	13.3	12.7
4	12.3	12.3	12.3	12.2	12.2	12.1	12.1	13.3	13.2	13.2	13.1	13.0	13.0	13.1	13.1	13.2	12.8	12.7	12.6	12.6	12.5	12.5	12.4	12.4	12.1	13.3	12.7
5	12.4	12.3	12.3	12.3	12.2	12.1	12.2	13.3	13.2	13.2	13.1	13.0	13.0	13.0	13.1	13.1	12.9	12.7	12.6	12.6	12.5	12.5	12.4	12.4	12.1	13.3	12.7
6	12.4	12.4	12.3	12.3	12.2	12.2	12.3	13.4	13.2	13.1	13.1	13.0	13.1	13.1	13.1	13.1	12.9	12.7	12.6	12.6	12.5	12.5	12.5	12.4	12.2	13.4	12.7
7	12.4	12.3	12.3	12.3	12.2	12.1	12.1	12.7	13.3	13.3	13.3	13.3	13.2	13.2	13.2	13.1	12.9	12.8	12.7	12.6	12.5	12.5	12.4	12.4	12.1	13.3	12.7
8	12.3	12.2	12.2	12.2	12.1	12.1	12.1	13.1	13.2	13.2	13.1	13.1	13.0	13.1	13.1	13.2	12.8	12.7	12.6	12.6	12.5	12.5	12.5	12.4	12.1	13.2	12.7
9	12.4	12.4	12.3	12.3	12.3	12.2	12.2	13.2	13.1	13.1	13.0	12.9	12.9	13.0	13.0	13.1	12.8	12.6	12.6	12.5	12.5	12.4	12.4	12.4	12.2	13.2	12.7
10	12.4	12.3	12.3	12.2	12.2	12.2	12.2	13.2	13.1	13.1	13.0	12.9	12.9	13.0	13.0	13.1	12.8	12.6	12.6	12.5	12.5	12.5	12.4	12.4	12.2	13.2	12.6
11	12.4	12.3	12.3	12.2	12.2	12.1	12.2	13.2	13.2	13.1	13.1	13.1	13.0	13.1	13.1	13.2	12.9	12.7	12.6	12.6	12.6	12.5	12.5	12.4	12.1	13.2	12.7
12	12.4	12.4	12.4	12.3	12.3	12.2	12.2	13.2	13.2	13.2	13.1	13.1	13.1	13.1	13.1	13.2	12.9	12.7	12.7	12.6	12.6	12.5	12.5	12.5	12.2	13.2	12.7
13	12.4	12.4	12.3	12.3	12.2	12.2	12.2	13.2	13.2	13.2	13.1	13.0	13.0	13.1	13.2	13.2	12.8	12.7	12.6	12.6	12.5	12.5	12.4	12.4	12.2	13.2	12.7
14	12.4	12.3	12.3	12.2	12.2	12.1	12.2	13.3	13.3	13.2	13.1	13.1	13.0	13.1	13.1	13.2	12.9	12.7	12.6	12.6	12.5	12.5	12.4	12.4	12.1	13.3	12.7
15	12.4	12.3	12.3	12.2	12.1	12.1	12.1	13.3	13.3	13.2	13.1	13.2	13.2	13.3	13.2	13.0	12.8	12.7	12.6	12.6	12.5	12.4	12.4	12.4	12.1	13.3	12.7
16	12.3	12.2	12.2	12.1	12.1	12.1	12.1	12.3	13.3	13.2	13.3	13.1	13.1	13.1	13.1	13.2	12.9	12.7	12.6	12.6	12.6	12.5	12.4	12.4	12.1	13.3	12.7
17	12.4	12.3	12.3	12.2	12.1	12.1	12.2	13.2	13.2	13.1	13.0	13.0	13.0	13.0	13.1	13.1	12.9	12.7	12.6	12.6	12.5	12.5	12.4	12.4	12.1	13.2	12.7
18	12.4	12.3	12.3	12.2	12.2	12.1	12.3	13.2	13.2	13.2	13.1	13.0	13.0	13.1	13.1	13.2	13.1	12.8	12.7	12.6	12.6	12.5	12.5	12.5	12.1	13.2	12.7
19	12.4	12.4	12.4	12.3	12.3	12.2	12.4	13.2	13.2	13.2	13.1	13.1	13.1	13.2	13.2	13.3	13.0	12.8	12.7	12.6	12.6	12.6	12.5	12.5	12.2	13.3	12.8
20	12.5	12.4	12.4	12.4	12.3	12.3	12.7	13.3	13.3	13.2	13.2	13.1	13.1	13.1	13.2	13.2	13.1	12.8	12.7	12.6	12.6	12.6	12.5	12.4	12.3	13.3	12.8
21	12.4	12.4	12.4	12.3	12.3	12.3	12.6	13.2	13.2	13.1	13.0	13.0	13.0	13.0	13.1	13.1	12.9	12.7	12.6	12.6	12.5	12.5	12.4	12.4	12.3	13.2	12.7
22	12.4	12.4	12.3	12.3	12.2	12.2	12.7	13.2	13.1	13.1	13.0	12.9	12.9	13.0	13.0	13.0	12.8	12.7	12.6	12.6	12.5	12.4	12.4	12.4	12.2	13.2	12.7
23	12.4	12.3	12.3	12.3	12.2	12.2	12.6	13.2	13.1	13.1	13.0	12.9	12.9	13.0	13.0	13.0	12.8	12.6	12.6	12.5	12.5	12.4	12.4	12.4	12.2	13.2	12.7
24	12.3	12.3	12.3	12.2	12.2	12.2	12.7	13.1	13.1	13.1	13.0	12.9	12.9	13.0	13.0	13.0	12.8	12.7	12.6	12.5	12.5	12.4	12.4	12.4	12.2	13.1	12.7
25	12.4	12.3	12.3	12.2	12.2	12.1	12.8	13.2	13.1	13.1	13.0	12.9	13.0	13.0	13.1	13.0	12.9	12.7	12.6	12.6	12.5	12.5	12.4	12.4	12.1	13.2	12.7
26	12.4	12.4	12.3	12.2	12.2	12.2	12.8	13.1	13.1	13.1	13.0	13.0	13.0	13.0	13.1	13.1	13.0	12.7	12.6	12.6	12.6	12.5	12.5	12.4	12.2	13.1	12.7
27	12.4	12.4	12.3	12.3	12.2	12.2	13.3	13.2	13.2	13.2	13.2	13.1	13.2	13.2	13.2	13.2	13.0	12.8	12.7	12.6	12.6	12.5	12.5	12.5	12.2	13.3	12.8
28	12.4	12.4	12.4	12.3	12.3	12.2	13.4	13.3	13.3	13.2	13.1	13.1	13.1	13.2	13.2	13.2	13.1	12.8	12.7	12.6	12.6	12.5	12.5	12.4	12.2	13.4	12.8
29	12.4	12.4	12.3	12.3	12.2	12.2	12.4	13.3	13.2	13.2	13.1	13.1	13.1	13.1	13.1	13.2	13.1	12.8	12.7	12.6	12.6	12.5	12.5	12.5	12.2	13.3	12.7
Min	12.3	12.2	12.2	12.1	12.1	12.1	12.1	12.3	13.1	13.1	13.0	12.9	12.9	13.0	13.0	13.0	12.8	12.6	12.6	12.5	12.5	12.4	12.4	12.4	12.1		
Max	12.5	12.4	12.4	12.4	12.3	12.3	13.4	13.4	13.3	13.3	13.3	13.3	13.2	13.3	13.2	13.3	13.1	12.8	12.7	12.6	12.6	12.6	12.5	12.5		13.4	
Avg	12.4	12.3	12.3	12.2	12.2	12.2	12.4	13.2	13.2	13.2	13.1	13.0	13.0	13.1	13.1	13.1	12.9	12.7	12.6	12.6	12.5	12.5	12.5	12.4			12.7

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